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### Communication Issues in Designing Cooperative Multi Thread Parallel Searches

M Toulouse, TG Crainic, M Gendreau - Meta-Heuristics: Theory & Applications, 1996 - books.google.com

... The communication structure of asynchronous cooperative algorithms can be loosely portrayed as ... 6.1 but in asynchronous mode, if a thread t, communicates ...

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### A cooperative parallel rollout algorithm for the sequential ordering problem

F Guerriero, M Mancini - Parallel Computing, 2003 - Elsevier

... an ant colony optimization [9] algorithm coupled with a ... of the communication between threads and controls ... q in a different way, a cooperative solution approach ...

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### [PDF] ► Strategies for the parallel implementation of metaheuristics

VD Cung, SL Martins, CC Ribeiro, C Roucairol - Essays and Surveys in Metaheuristics, 2002 - iro.umontreal.ca

... any information they collect) or cooperative (the information ... is disseminated and used by the other threads). ... in the neighborhood graph is made simultaneously. ...

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### Real-time vehicle routing: Solution concepts, algorithms and parallel computing strategies

G Ghiani, F Guerriero, G Laporte, R Musmanno - European Journal of Operational Research, 2003 - Elsevier

... Thus, independent-threads parallel methods are equivalent to multistart sequential ...

In a cooperative-threads approach, the threads cooperate, exchange ...

Cited by 63 - Related articles - Web Search - All 6 versions

### [book] Automated Concurrency Re-assignment in High Level System Models for Efficient

System-level ... - ► uci.edu [pdf]

N Savoiu, SK Shukla, RK Gupta - 2001 - doi.ieeecs.org

... multi-ple thread instances executing simultaneously (ie multi ... was extracted) given the new thread structure and ... we re- place the cooperative threading model ...

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### [PDF] ► Efficient Usage of Concurrency Models in an Object-oriented Co-design Framework

P Garg, SK Shukla, RK Gupta - 2001 - fermal.ece.vt.edu

... ar- chitectural assists within the CPU-L1 datapath ... trated the effect of modeling thread based concurrency ... ex- periments show that cooperative threads result in ...

Cited by 17 - Related articles - View as HTML - Web Search - Library Search - All 9 versions

### Application Controlled IPC Synchrony-An Event Driven Multithreaded Approach - ► ntnu.no

[pdf]

S Bagchi, M Nygaard - LECTURE NOTES IN COMPUTER SCIENCE, 2003 - Springer

... The new approach to achieve cooperative thread management is ... the result notification from its worker threads. ... blocking IPC events concurrently exploiting event ...

Cited by 3 - Related articles - Web Search - BL Direct - All 6 versions

## Deterministic and preemptive thread scheduling and its use in debugging multithreaded applications

EN Einollahy - US Patent 6,625,635, 2003 - [freepatentsonline.com](http://freepatentsonline.com)

... a storage medium; and a processor coupled to said ... is an important aspect of implementing threads. In a first category, there are cooperative threads which do ...

Cited by 1 - Related articles - Web Search - All 3 versions

## [PS] ► A Multi-Agent Architecture for Distributed Vision-Based Disassembly

M Tonko, K Schafer, HH Nagel - Annual IAR Conference, November, 1996 - [i21www.ira.uka.de](http://i21www.ira.uka.de)

... Each router can simultaneously handle several data trans ... caused by human interaction to a dedicated thread. ... which are read by cooperative threads contin- uously ...

Cited by 2 - Related articles - View as HTML - Web Search - All 3 versions

## Priority in a portable thread environment

GC Aiford, H Law, SS Kumar - US Patent App. 09/852,351, 2001 - Google Patents

... 0-MaxPriority Thread e (preemptive/cooperative) Task Typ ... 2002 PRIORITY IN A PORTABLE THREAD ENVIRONMENT [0001 ... are frequently executed simultaneously with other ...

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